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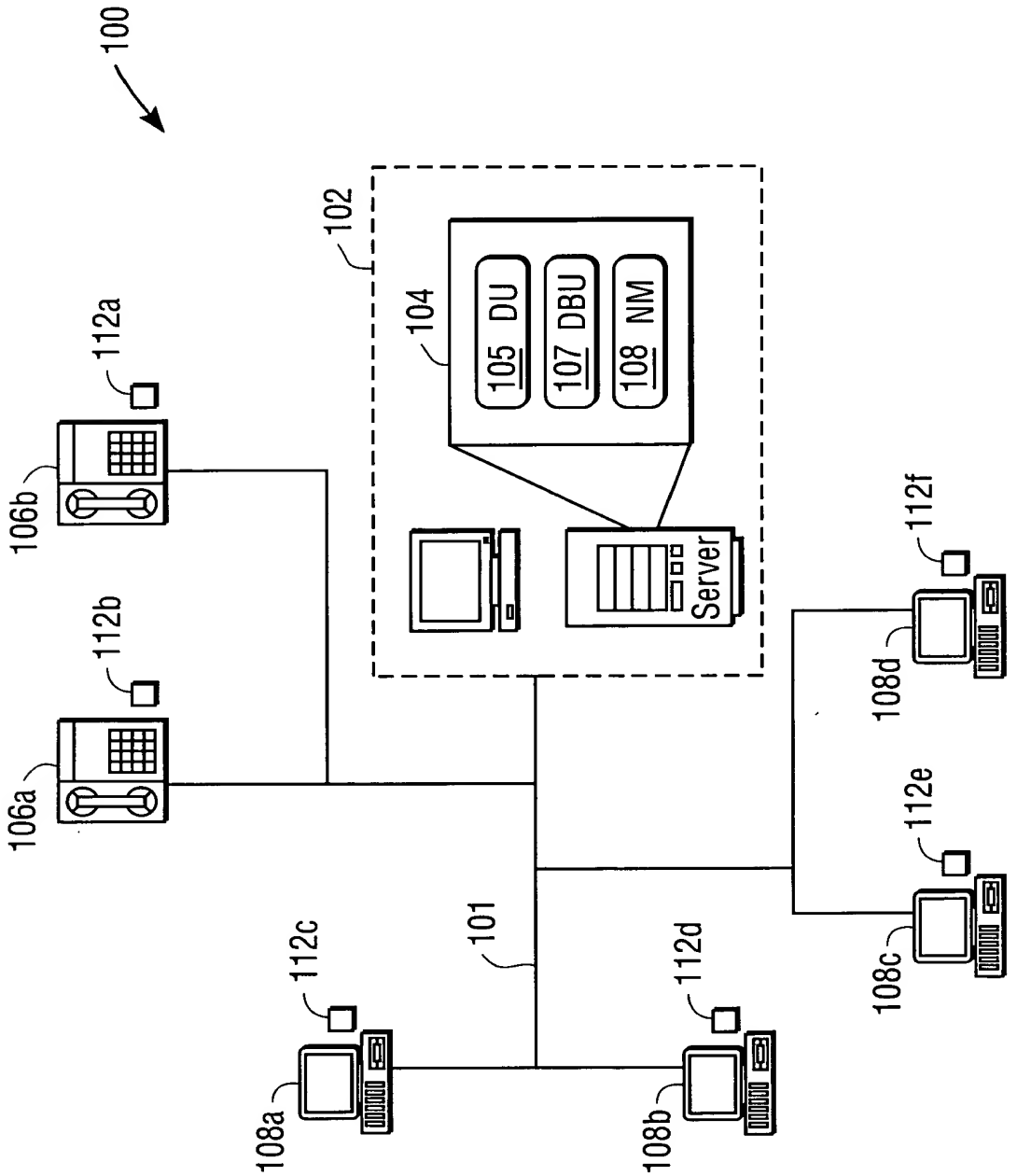

FIG. 1

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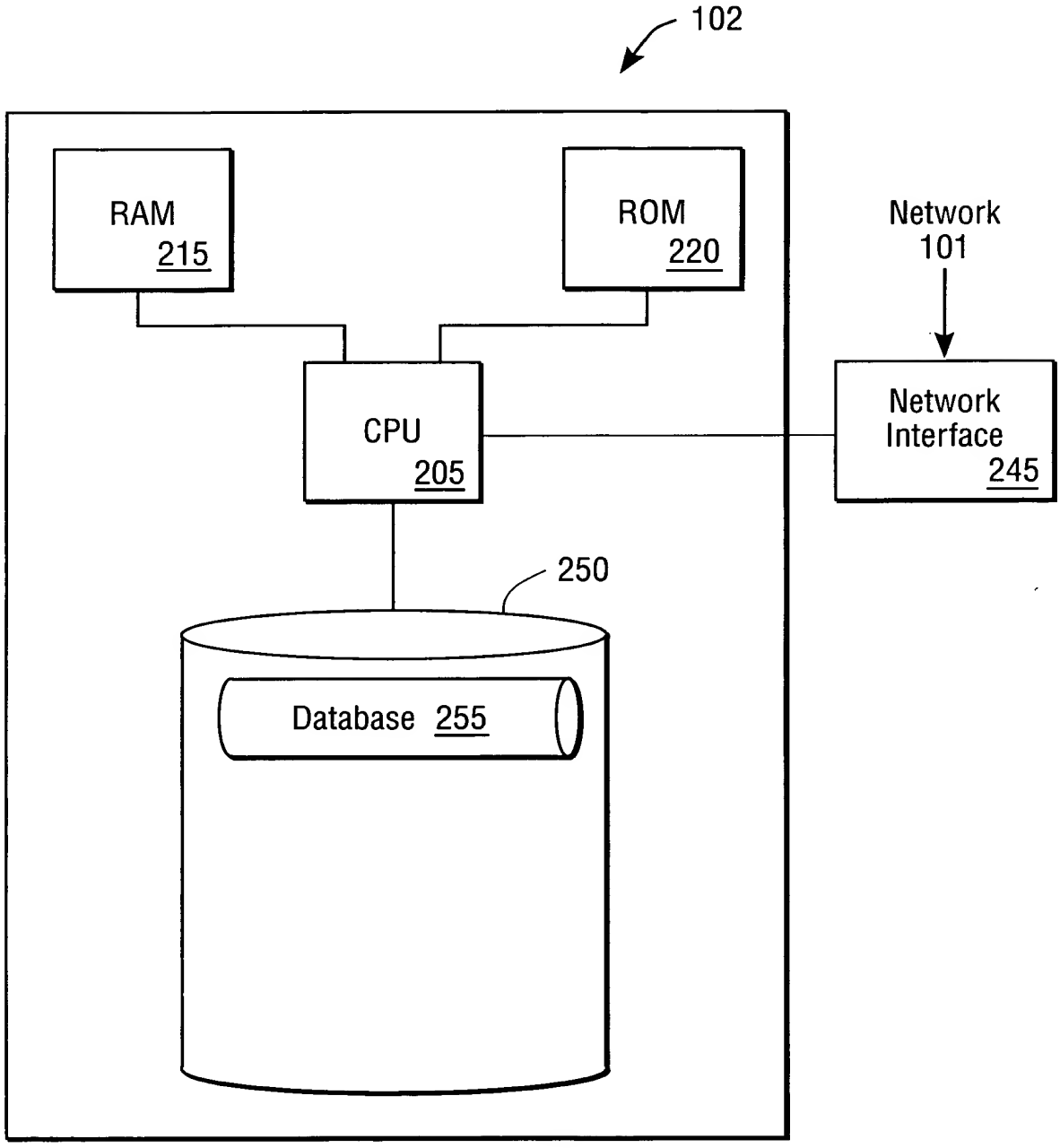

FIG. 2

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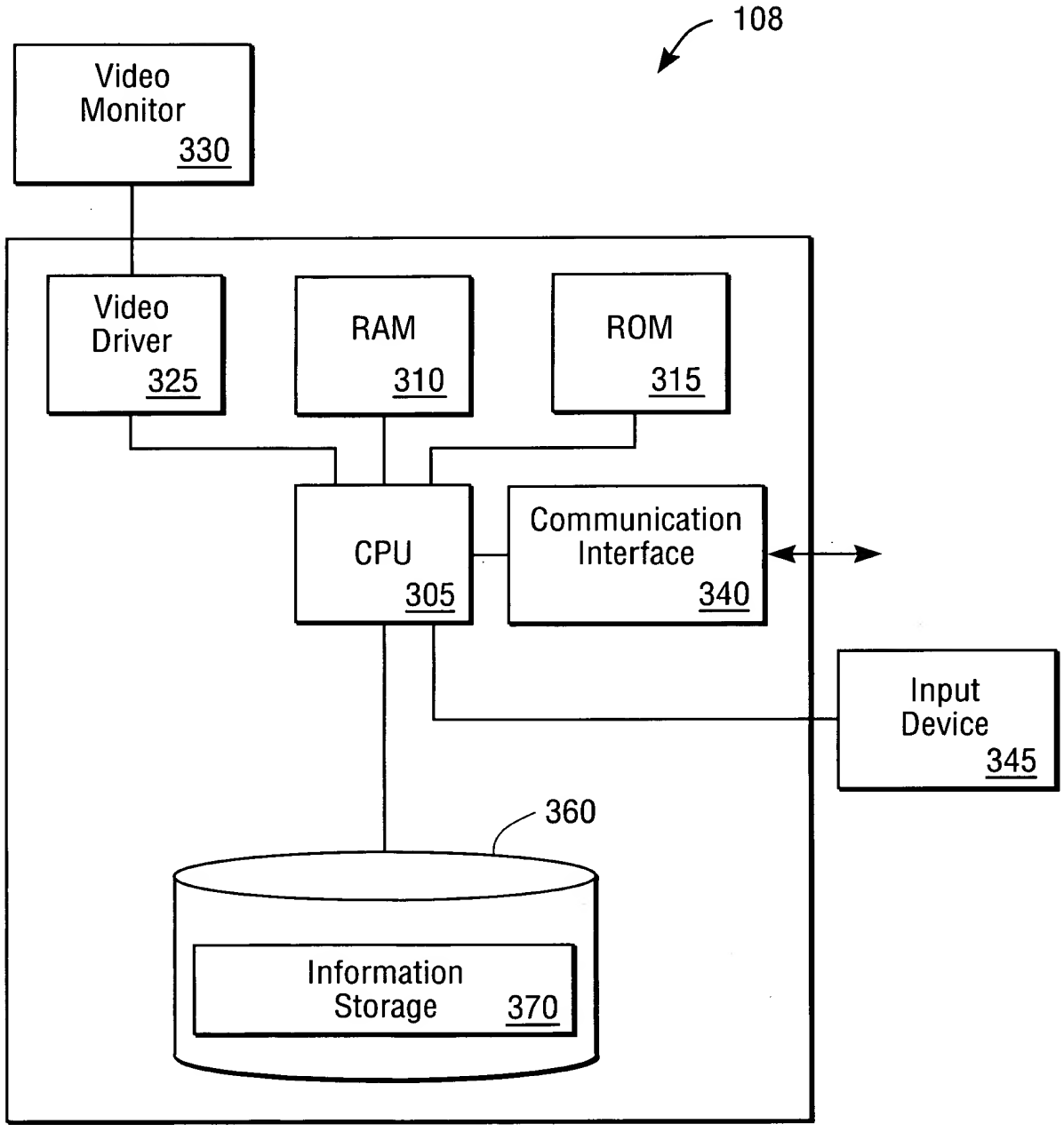

FIG. 3

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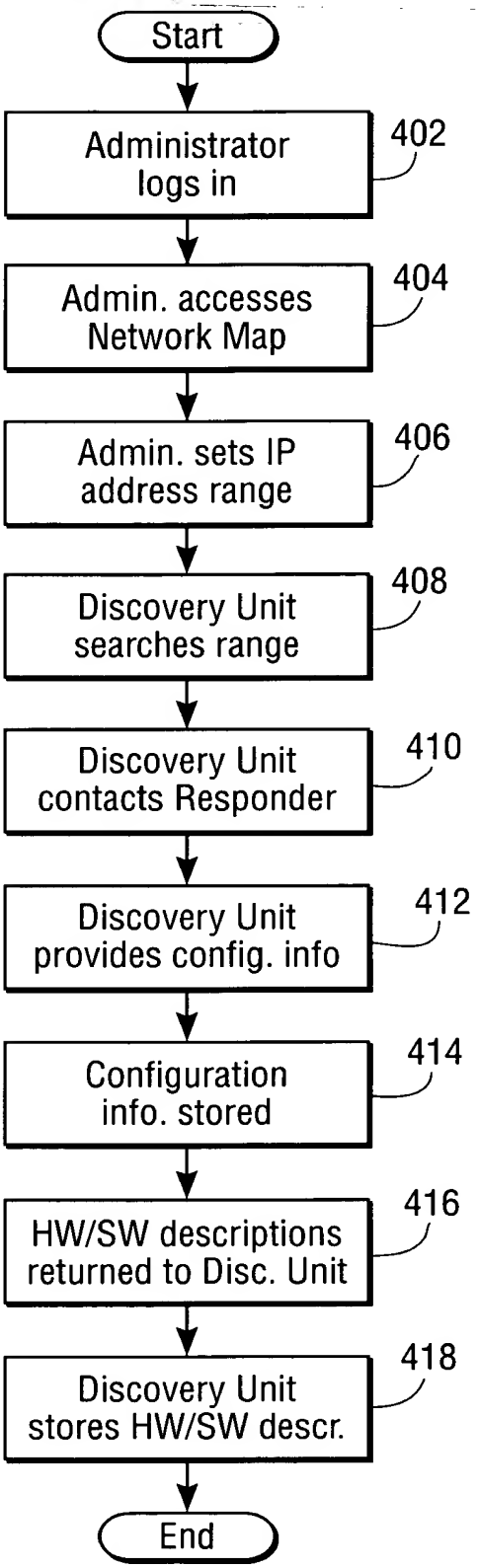

FIG. 4

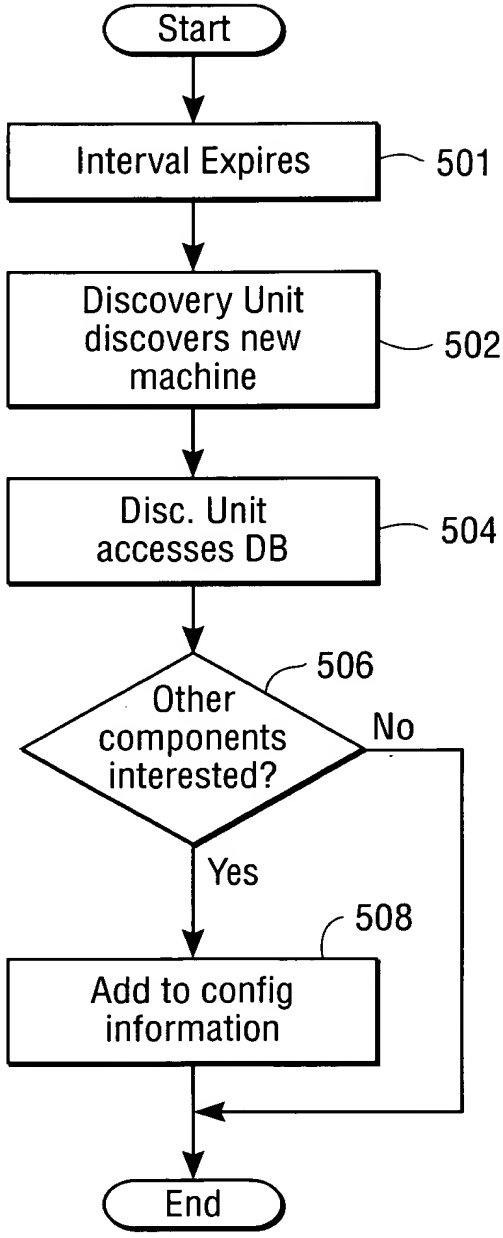

FIG. 5

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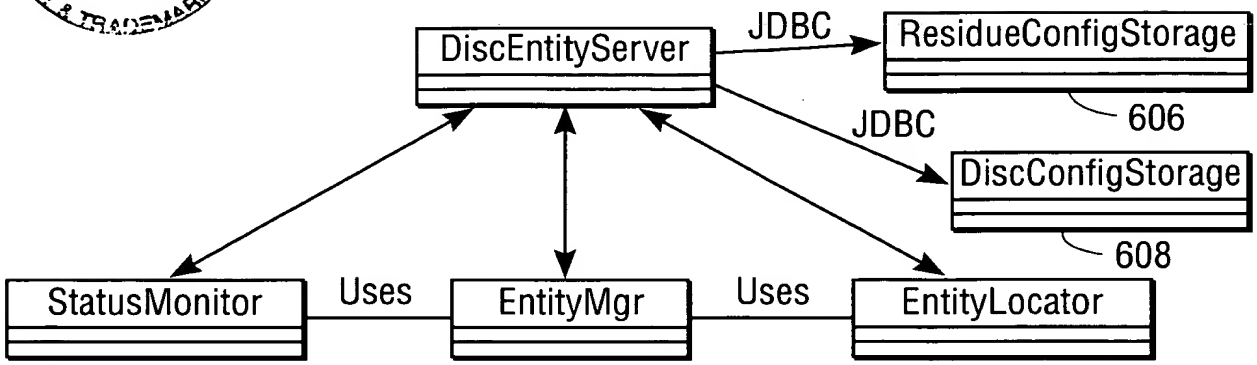

FIG. 6 High Level Classes in Disc Application

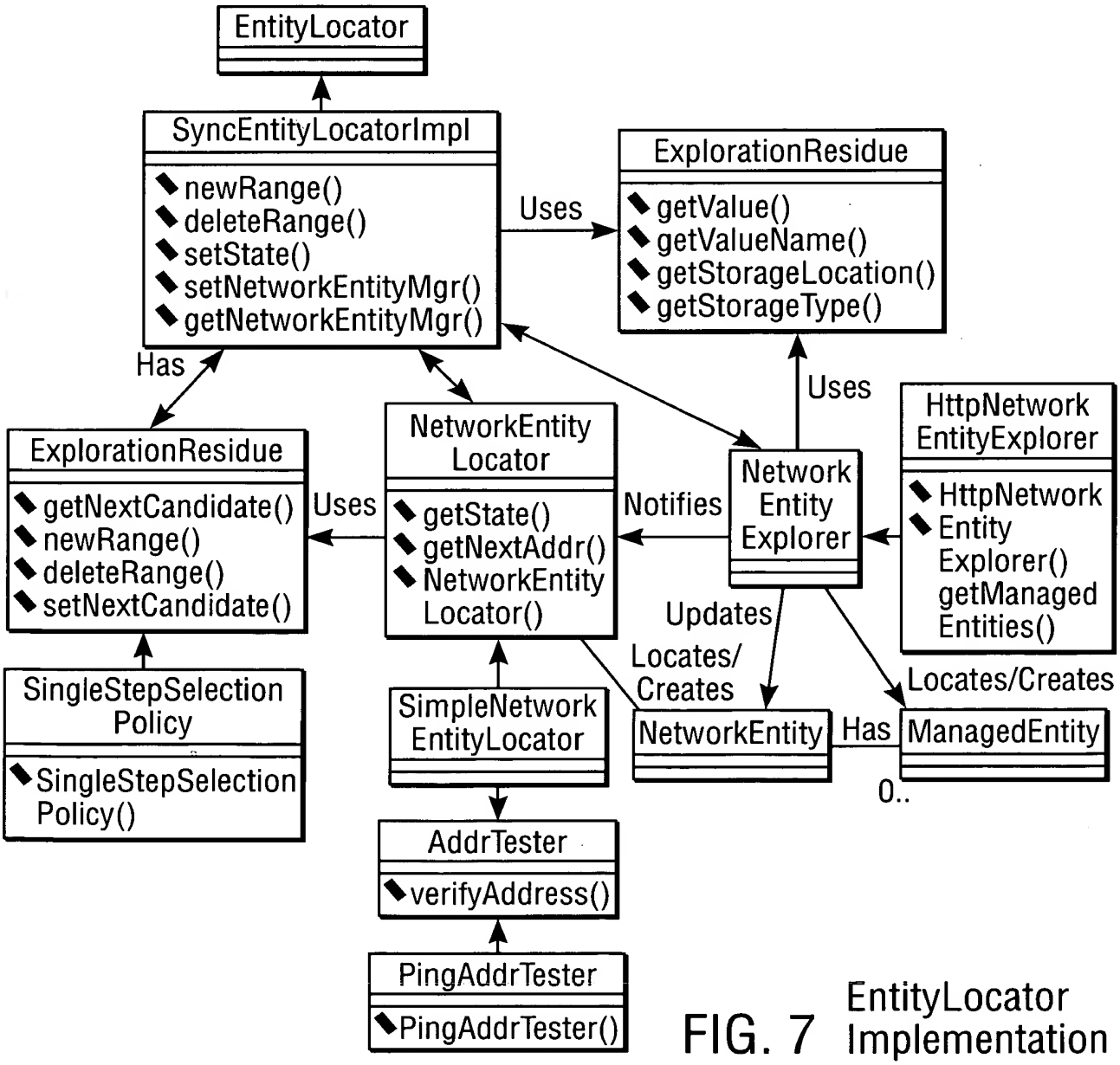

FIG. 7 EntityLocator Implementation

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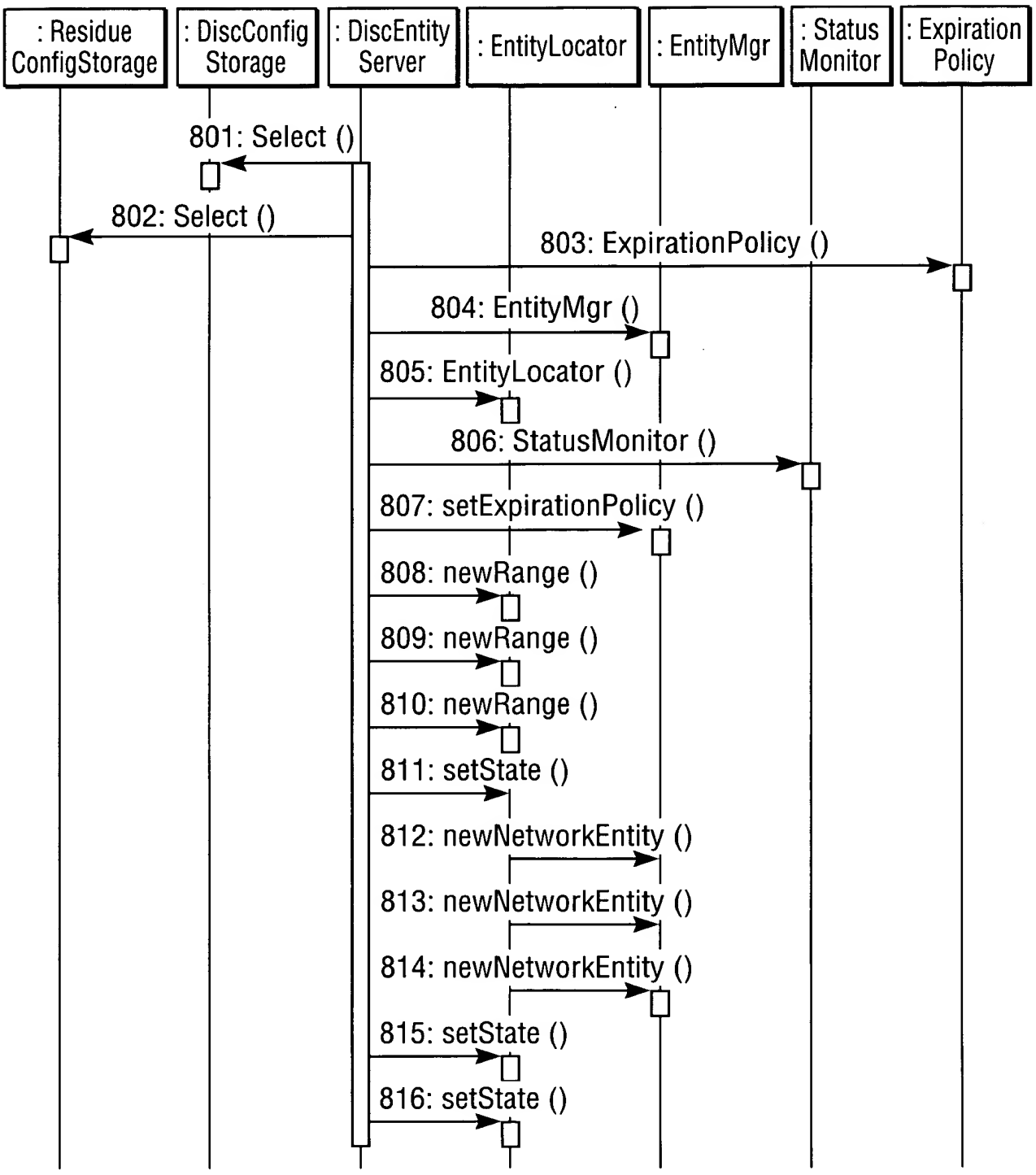

FIG. 8 Starting and Running the DiscEntityServer

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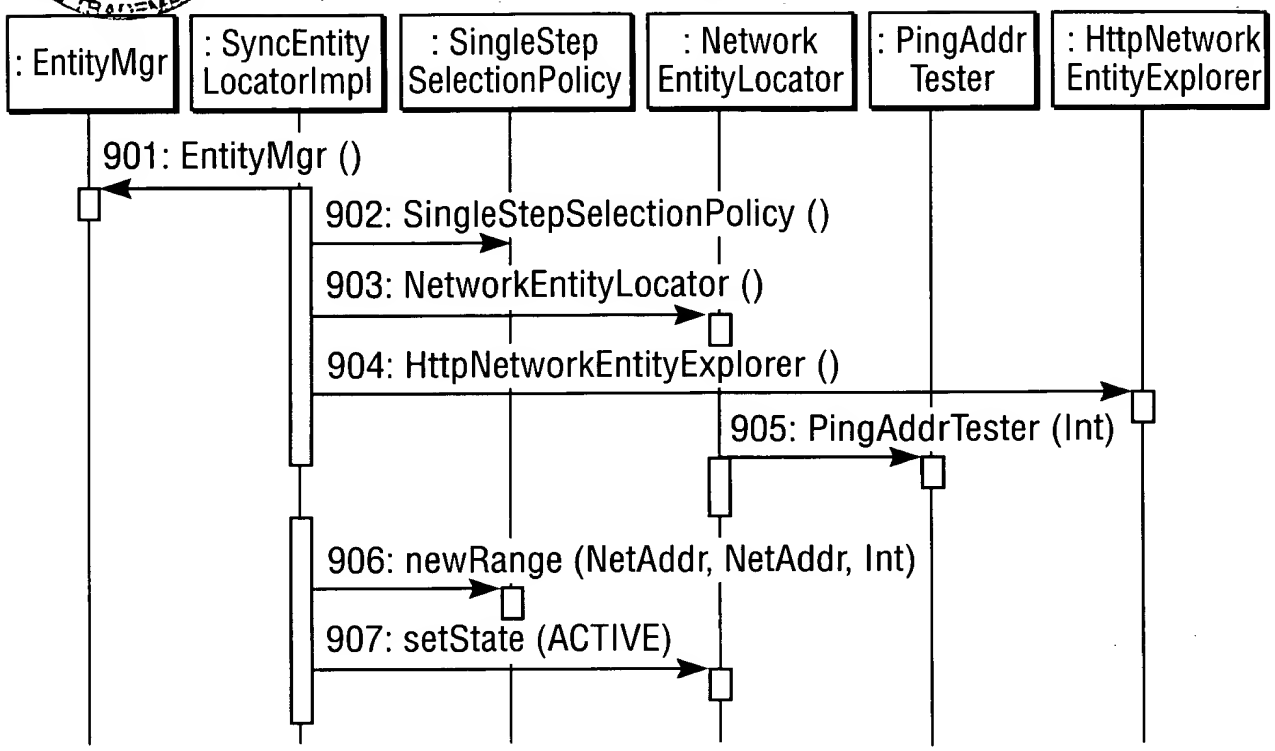

FIG. 9 Initialization of the EntityLocator

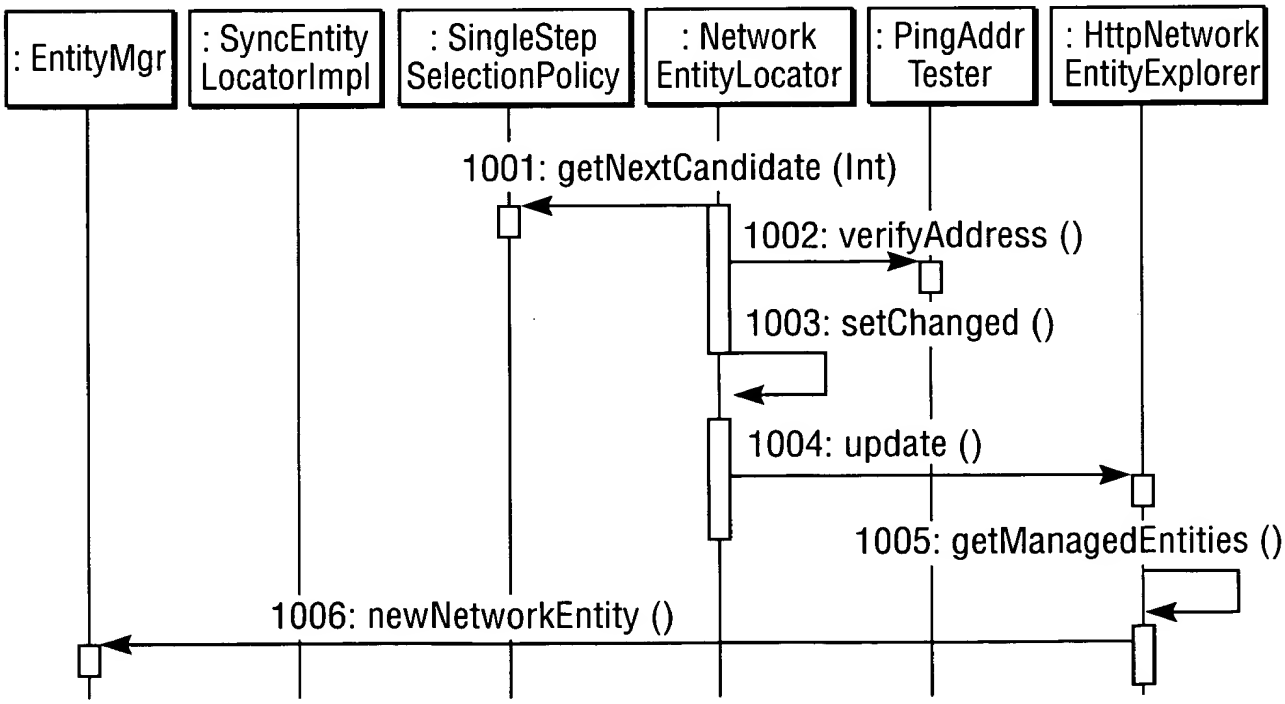

FIG. 10 An Iteration in the Location Process

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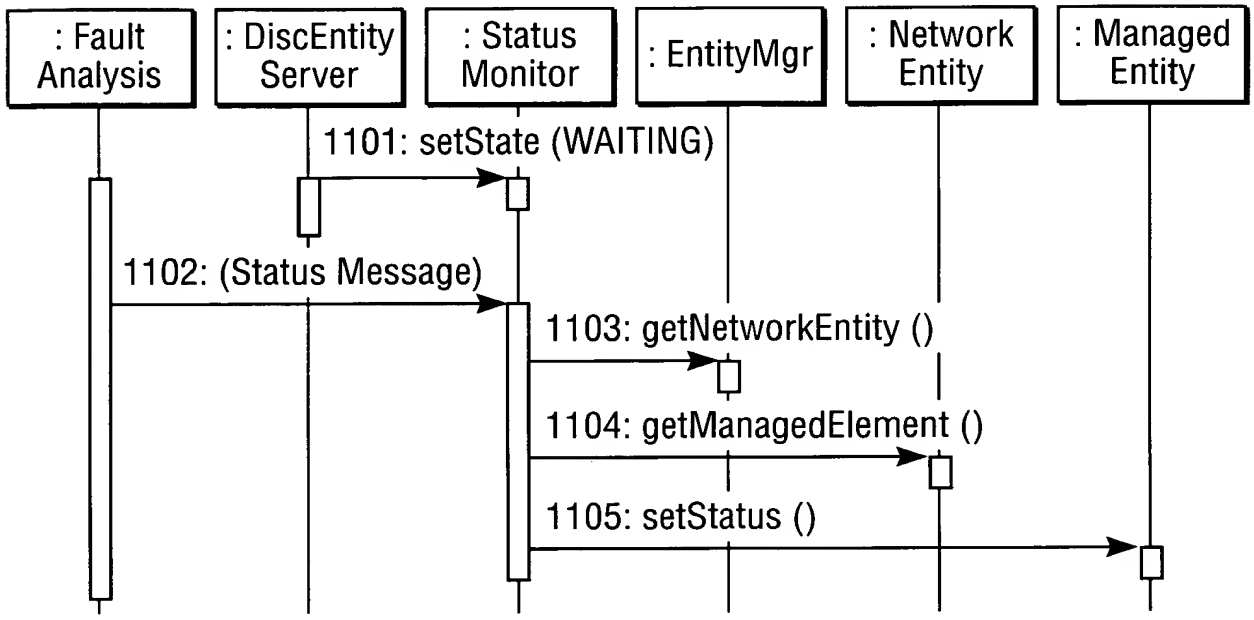

FIG. 11 StatusMonitor

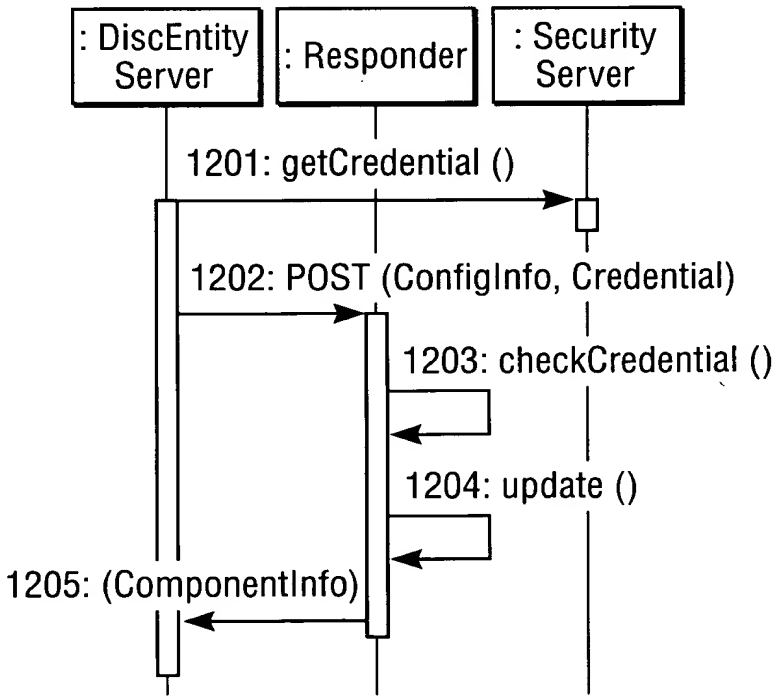

FIG. 12 Discovering and Updating a Responder

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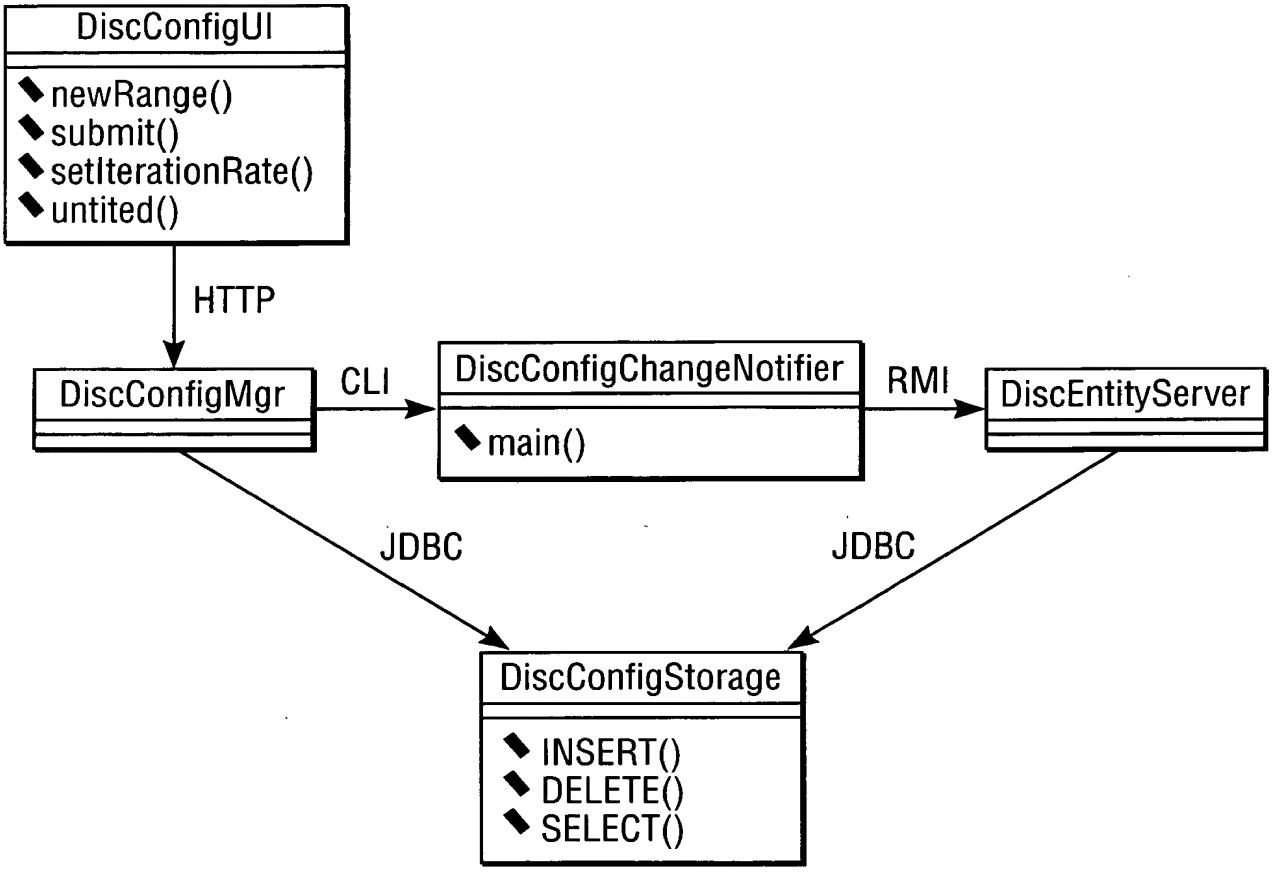

FIG. 13 DiscConfig communications methods

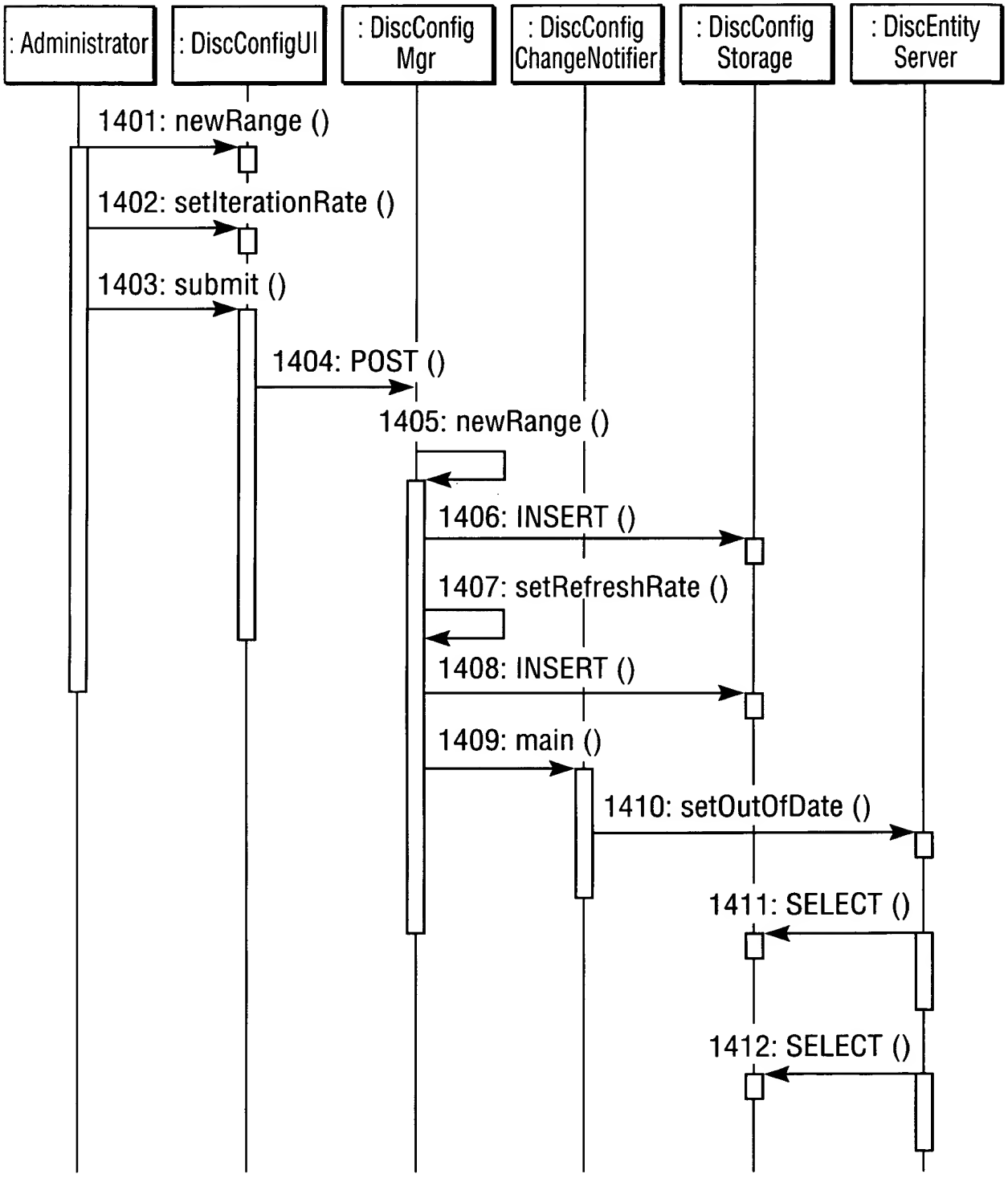

FIG. 14 Changing the configuration values

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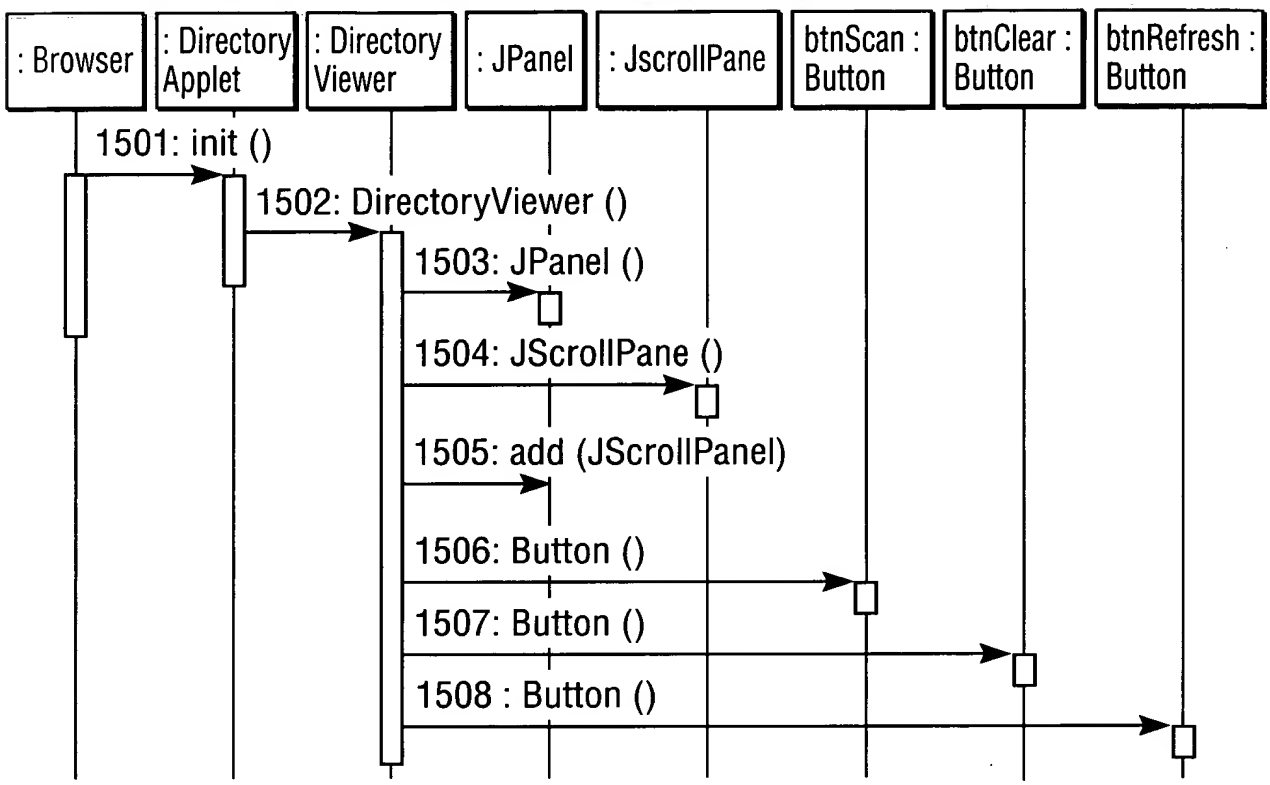

FIG. 15 GUI initialzation

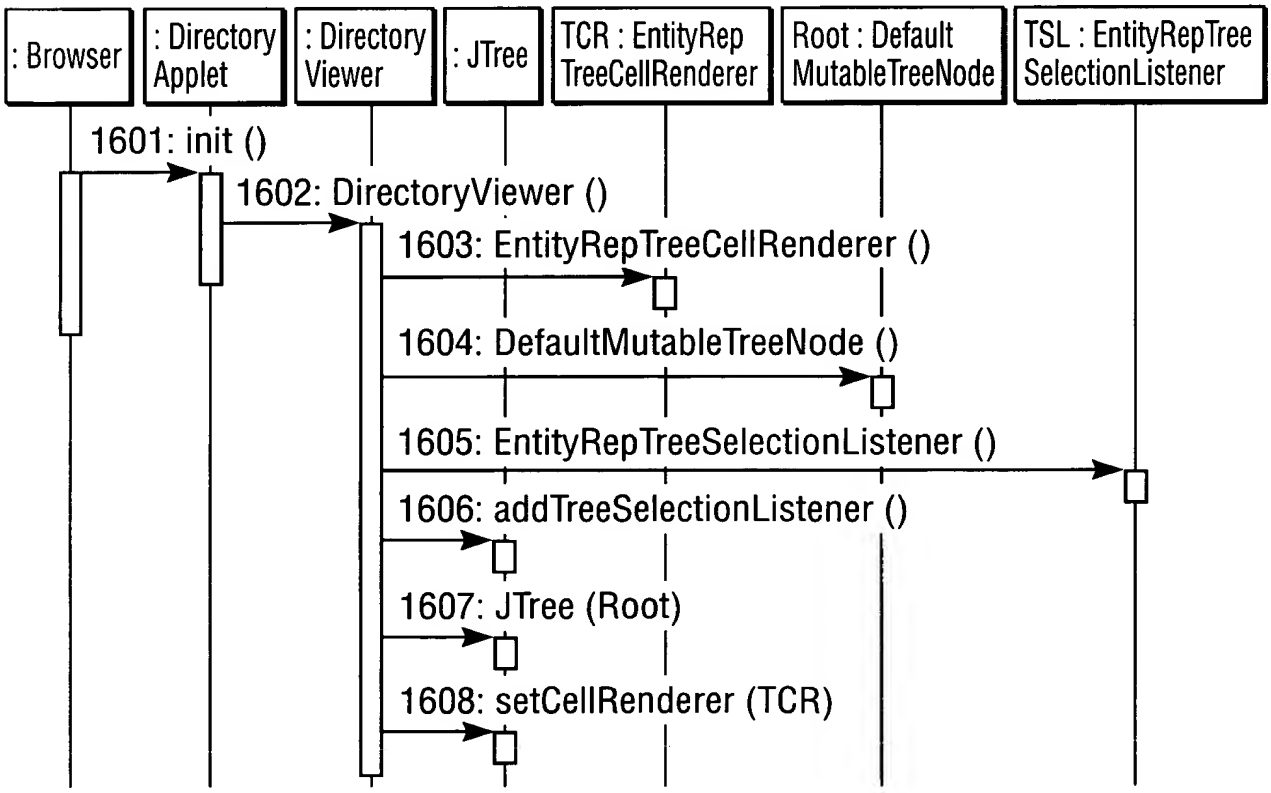

FIG. 16 Directory Initialization

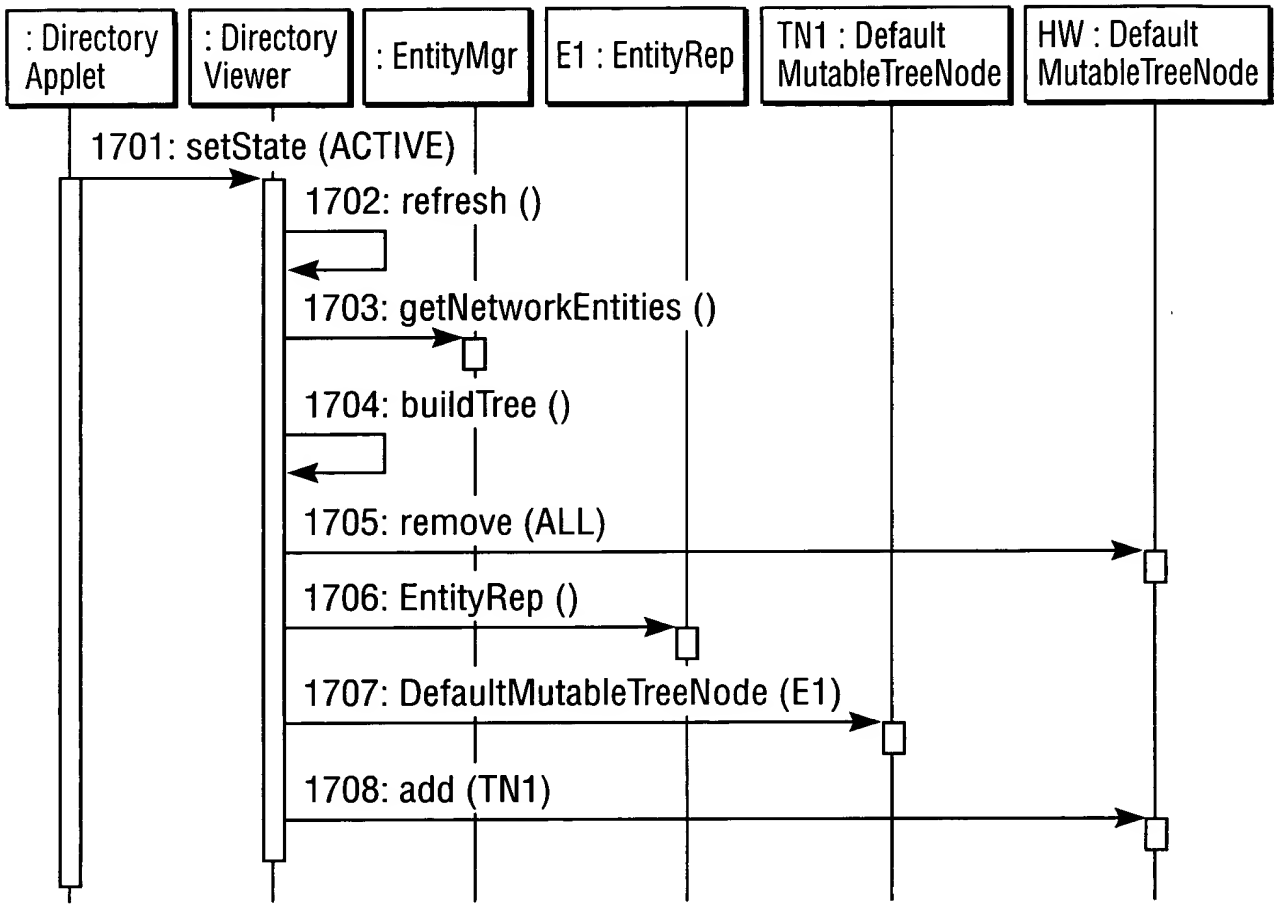

FIG. 17 Building the Directory

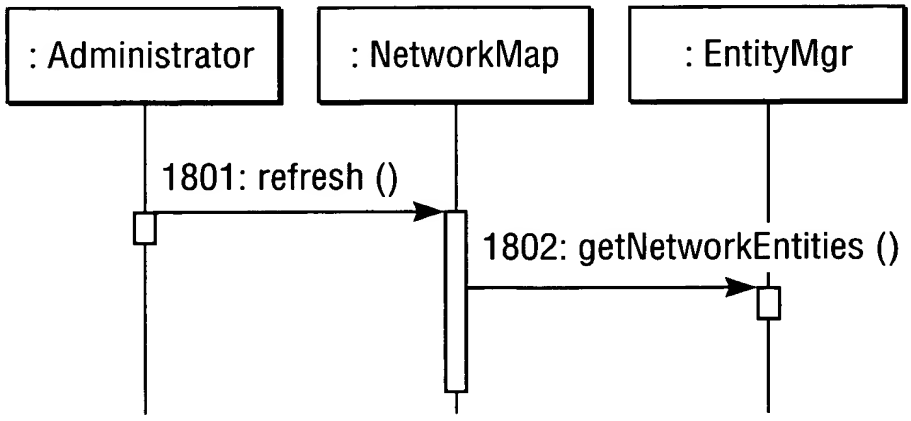

FIG. 18A Fetching the list of NetworkEntities

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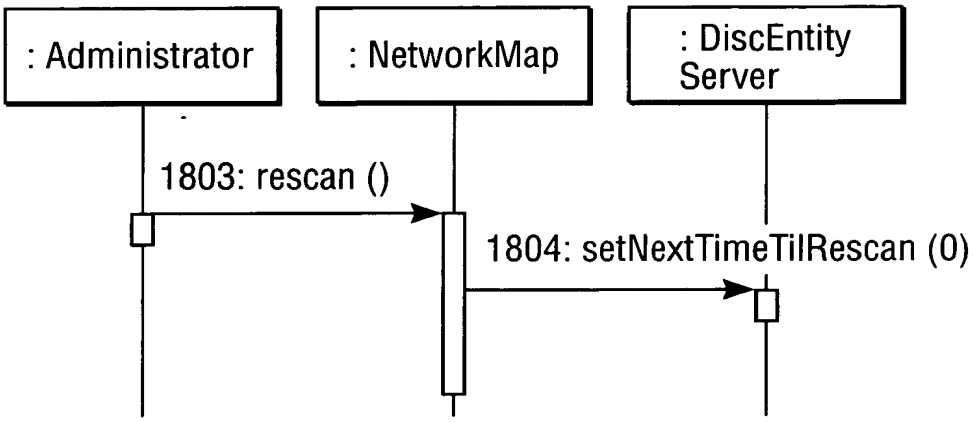

FIG. 18B Telling the DiscEntityServer to Rescan the network

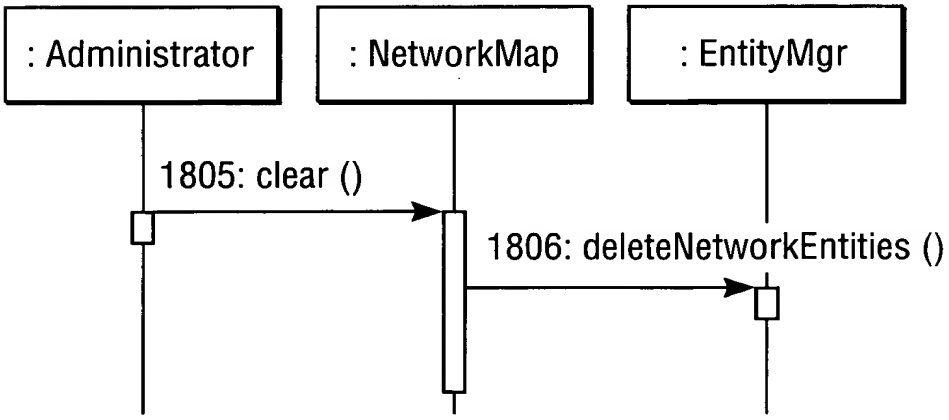

FIG. 18C Clearing the storage of all found NetworkEntities

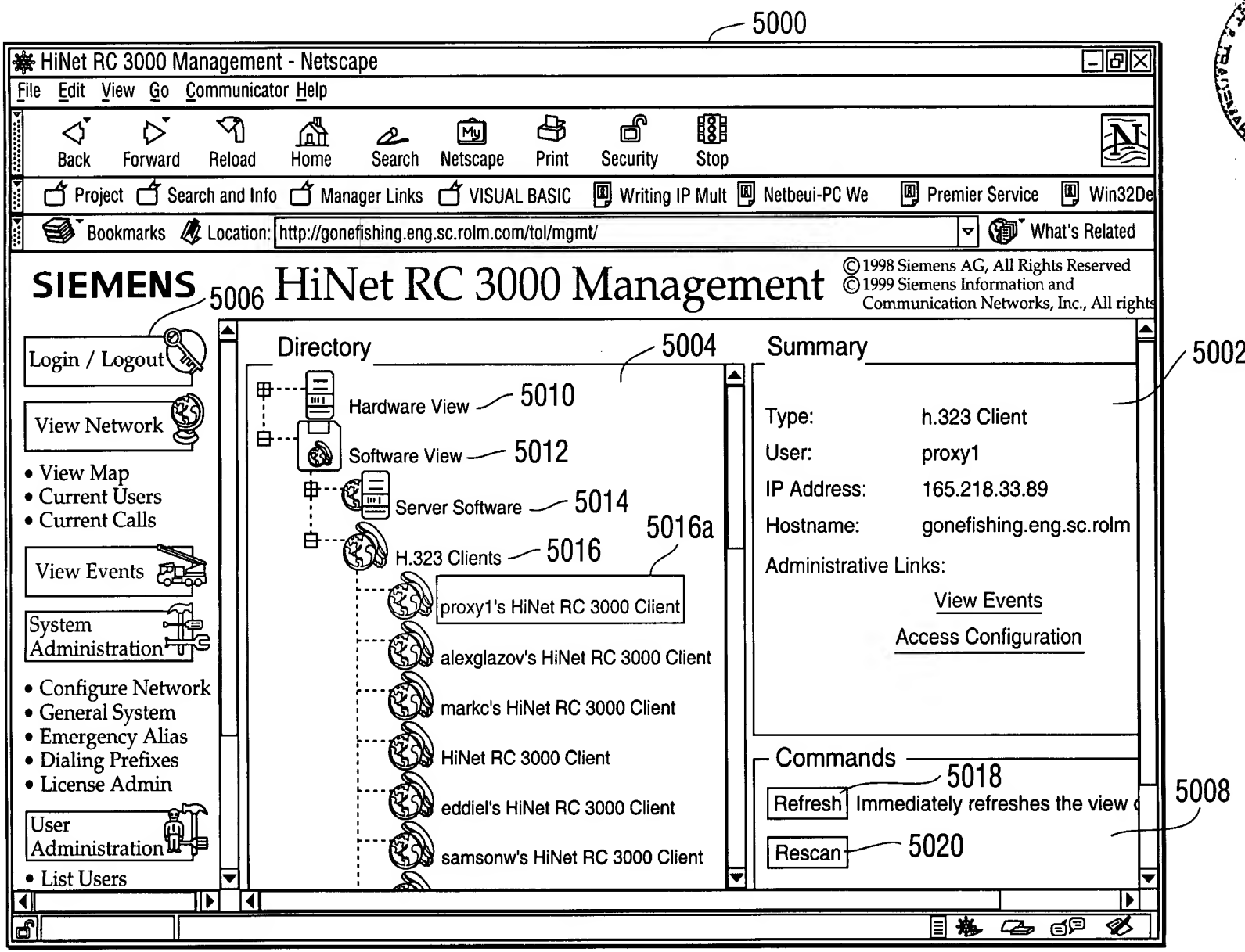

FIG. 19A

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Application No.: 09/399,902 Inventor(s): Singer, et al.
Filing Date: 09/21/1999
Title: SYSTEM AND METHOD FOR NETWORK AUTO-DISCOVERY AND CONFIGURATION
Art Unit: 2154
Sheet 14 of 18

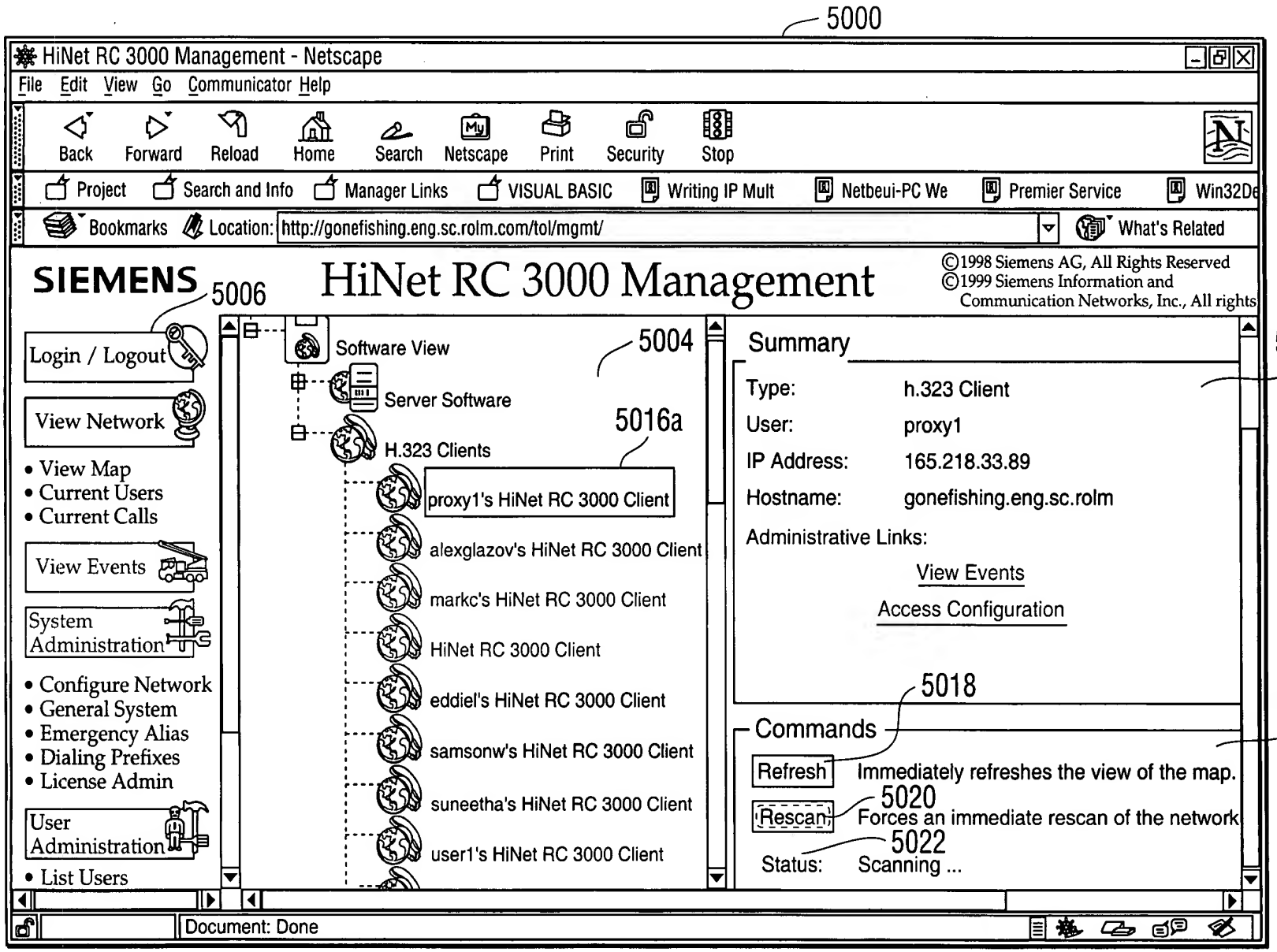

FIG. 19B

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Application No.: 09/399,902 Inventor(s): Singer, et al.
Filing Date: 09/21/1999
Title: SYSTEM AND METHOD FOR NETWORK AUTO-DISCOVERY AND CONFIGURATION
Art Unit: 2154
Sheet 15 of 18

OIPE JC112
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PATENT & TRADEMARK OFFICE

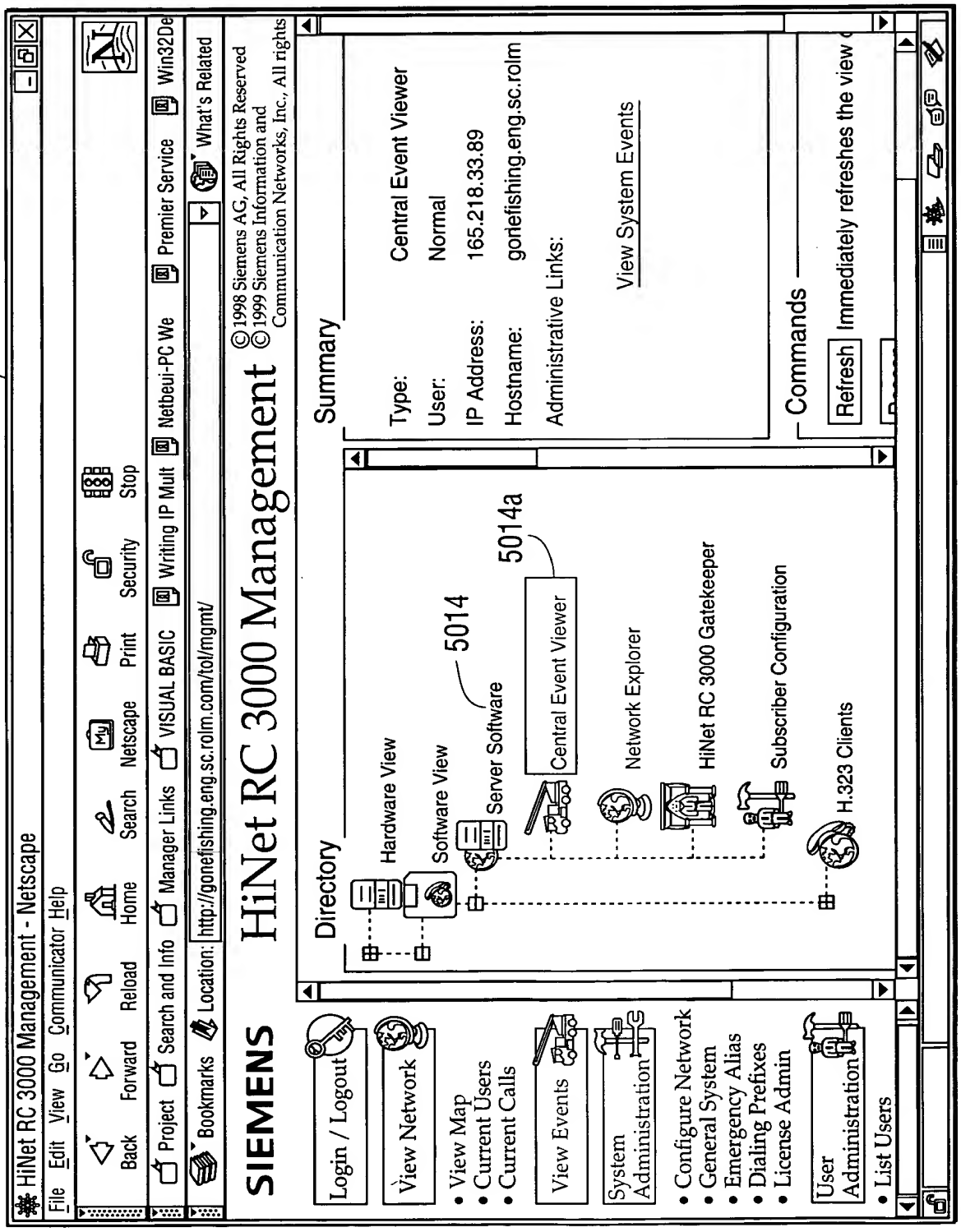

FIG. 19C

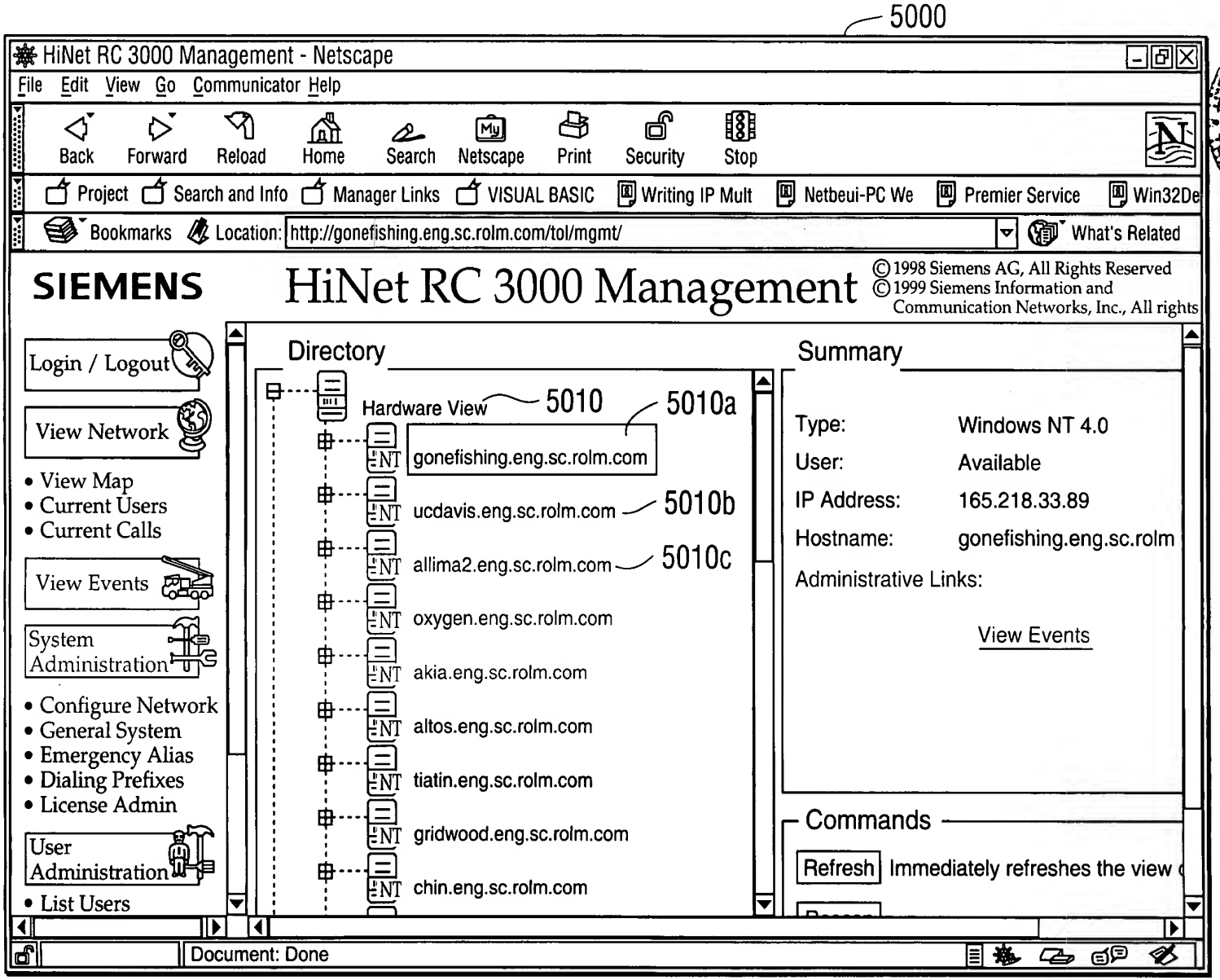

FIG. 19D

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NOV 05 2004
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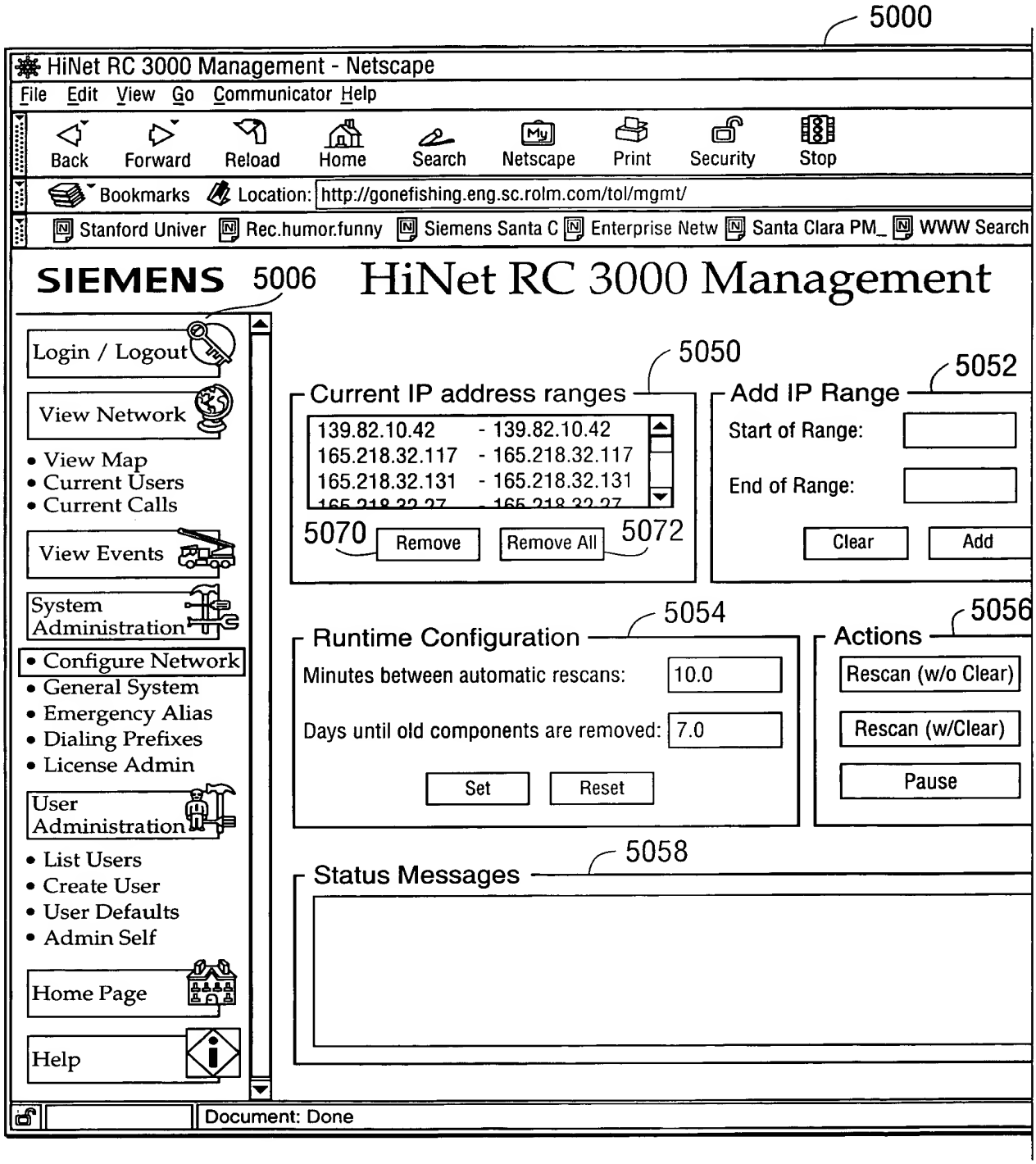
Application No.: 09/399,902 Inventor(s): Singer, et al.
Filing Date: 09/21/1999
Title: SYSTEM AND METHOD FOR NETWORK AUTO-DISCOVERY AND CONFIGURATION
Art Unit: 2154
Sheet 17 of 18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SIEMENS
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• View Map
• Current Users
• Current Calls
View Events
System Administration
• Configure Network
• General System
• Emergency Alias
• Dialing Prefixes
• License Admin
User Administration
• List Users
• Create User
• User Defaults
• Admin Self
Home Page
Help
5050
Current IP address ranges
139.82.10.42 - 139.82.10.42
165.218.32.117 - 165.218.32.117
165.218.32.131 - 165.218.32.131
5070
Remove
Remove All
5072
5052
Add IP Range
Start of Range:
End of Range:
Clear
Add
5054
Runtime Configuration
Minutes between automatic rescans: 10.0
Days until old components are removed: 7.0
Set
Reset
5056
Actions
Rescan (w/o Clear)
Rescan (w/Clear)
Pause
5058
Status Messages
Document: Done

FIG. 19E